

CERTIFICATE OF ANALYSIS

Product Name: Sodium Benzoate

TEST	SPECIFICATION		RESULT
Description	A white, crystalline or granular powder or flakes, odorless or with faint odor, hygroscopic.		COMPLIES
Identification A.	A white crystalline precipitate is produced.		COMPLIES
Identification B.	Gives the reaction of sodium salts and reactions B and C of benzoates.		COMPLIES
Appearance of solution	Solution is clear and not more intensely colored than reference solution.		COMPLIES
Acidity or alkalinity	Not more than 0.2 ml of 0.1 M hydrochloric acid or 0.2 ml of 0.1 M sodium hydroxide is required to change the color of the solution.		COMPLIES
Arsenic	Maximum 2 ppm		COMPLIES
Heavy Metals	Maximum 20 ppm		COMPLIES
Chlorinated compounds	The filtrate complies with the limit test for chlorides.		COMPLIES
Loss on Drying	Not more than 2.0% per cent.	%	0.40
Assay	Not less than 99.0 per cent and not more than 100.5 cent.	%	99.54